9/19/9

DIALOG(R) File 347: JAPIO

(c) 2003 JPO & JAPIO. All rts. reserv.

05234768 **Image available** TONER SEALING MECHANISM FOR BEARING

PUB. NO.:

08-190268 [JP 8190268 A]

PUBLISHED:

July 23, 1996 (19960723)

INVENTOR(s): MIHASHI HIROSHI

APPL. NO.:

APPLICANT(s): BANDO CHEM IND LTD [000506] (A Japanese Company or

Corporation), JP (Japan)

07-003116 [JP 953116]

FILED:

January 12, 1995 (19950112)

INTL CLASS:

[6] G03G-015/08; F16C-033/74; F16J-015/32

JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 22.1

(MACHINERY -- Machine Elements)

ABSTRACT

PURPOSE: To provide a toner sealing mechanism for a bearing which can maintain an excellent sealing property for a long period and further have inexpensive and compact structure.

CONSTITUTION: A part of the inner end surface side of the bearing 4 bearing a rotary shaft 2 is bored like a ring to form space, a sealing material 6 having a lip part 5 is housed in the ring-like ring-like space and the lip part 5 abuts on the rotary shaft 2. A coating film 7 mode of an ultraviolet-curing coating material is uniformly formed on the periphery of the lip part 5 abutting on the rotary shaft 2.

C:\Program Files\Dialog\DialogLink\Graphics\46.bmp



